LIPSCHITZ APPROXIMATION OF THE n-QUADRATIC FUNCTIONAL EQUATIONS

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Abstract. Stability of functional equations is a classical problem proposed by Ulam. Stability of some functional equations are verified in Lipschitz and L^p spaces. In this paper, we prove stability of the n-quadratic functional equations in Lipschitz spaces.

MSC 2010. 39B82, 39B52.

Key words. n-quadratic functional equation, Lipschitz space, stability.

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